

CLAIMS

1. A control method of a rotary storage medium having mounted in one-piece an electronic circuit, including at least a microprocessor, the control method of a rotary storage medium comprising:

a step of rotating the rotary storage medium at the time of access to an information recording surface of the rotary storage medium; and

10 a step of stopping the rotary storage medium except the time of access to an information recording surface of the rotary storage medium to connect said electronic circuit to an external system.

15 2. The control method of a rotary storage medium according to claim 1, wherein access requests to said information recording surface are queued, and when an access request essential to system operation occurs, the queue requests are executed in a batch mode.

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3. The control method of a rotary storage medium according to claim 1, wherein connection between said electronic circuit and said external system is a bus connection in a contact type or a non-contact type.

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4. An intelligent disk system including a storage

medium having double-surface structure that stores
information and is detachable from a drive unit, wherein
an electronic circuit is mounted on at least one surface
or between both surfaces of said storage medium and the
5 electronic circuit is provided with at least a
microprocessor, and

having control means for controlling said storage
medium so that contents of information recording
surfaces of said storage medium may be transferred to or
10 loaded in an external apparatus at the time of said
storage medium rotating or mechanically operating and
said microprocessor may control said external apparatus
when the storage medium is not operating.